

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Group Art Unit: 1631
)	
HOGAN <i>et al.</i>)	Examiner: Marschel, A.
)	
Serial No. 08/454,529)	Atty. Docket No. GP004-16.DV4
)	
Filed: May 30, 1995)	VIA FEDERAL EXPRESS
)	
For: METHODS FOR DETERMINING)	
THE PRESENCE OF NON-VIRAL)	
ORGANISMS IN A SAMPLE)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)**

Examiner Ardin H. Marschel
Art Unit 1631
United States Patent and Trademark Office
7th Floor Receptionist
1911 South Clark Place
Crystal Mall One
Arlington, Virginia 22202

Dear Examiner Marschel:

In accordance with MPEP § 2001.06(c), Applicants hereby bring to the Examiner's attention the existence of Civil Action No. 99 CIV 4548, a patent infringement action brought by Enzo Biochem, Inc. against Gen-Probe Incorporated *et al.* in the United States District Court for the Southern District of New York. The patent asserted in this infringement action is U.S. Patent No. 4,900,659 ("the '659 patent"), a patent which issued to Enzo Biochem and includes claims directed to the detection of *Neisseria gonorrhoeae* in a test sample. The Gen-Probe products alleged to infringe the '659 patent by Enzo Biochem include oligonucleotides covered by one or more claims of the above-captioned application. A copy of the '659 patent and references produced by the parties to this litigation are listed on the attached forms PTO/SB/08 (two copies) and are enclosed herewith for consideration in connection with the examination of the above-captioned application.

IDS

Serial No. 08/454,529
Atty. Docket No. GP004-16.DV4

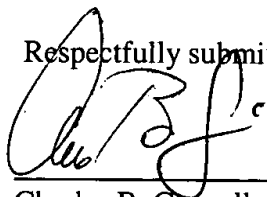
This Information Disclosure Statement is being submitted under the provisions set forth in 37 C.F.R. § 1.97(c) more than three months from the filing date of the subject application and after the mailing date of a first Office action on the merits but before the mailing date of final action, notice of allowance or action that otherwise closes prosecution in the application. Although *ex parte* prosecution in the instant application has been suspended, due to a potential interference, Applicants submit that a suspended prosecution does not close prosecution in an application.

Please charge the fee set forth in 37 C.F.R. § 1.17(p), and any other fee which may be due, to Deposit Account No. 07-0835 in the name of Gen-Probe Incorporated.

Applicants respectfully request an indication that the cited references were considered by returning a copy of the attached forms PTO/SB/08 with the Examiner's initials or other appropriate marks.

At the Examiner's recommendation, this correspondence (and any referred to as attached) is being sent by Federal Express on the date indicated below to Examiner Ardin H. Marschel, Art Unit 1631, United States Patent and Trademark Office, 7th Floor Receptionist, 1911 South Clark Place, Crystal Mall One, Arlington, Virginia 22202.

Respectfully submitted,



By:

Charles B. Cappellari
Registration No. 40,937
Attorney for Applicants

Dated: May 5, 2003

GEN-PROBE INCORPORATED
Patent Department
10210 Genetic Center Drive
San Diego, California 92121
PH: (858) 410-8927 / FAX: (858) 410-8928

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	12
-------	---	----	----

Complete if Known

Application Number	08/454,529
Filing Date	May 30, 1995
First Named Inventor	HOGAN et al.
Group Art Unit	1631
Examiner Name	Marschel, A.
Attorney Docket Number	GP004-16 DV4

U.S. PATENT DOCUMENTS[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 114 668	A2	INTEGRATED GENETICS, INC.	08-01-1984		
		EP	0 124 124	A2	ENZO BIOCHEM, INC.	11-07-1984		
		EP	0 128 332	A1	ENZO BIOCHEM, INC.	12-19-1984		
		EP	0 153 873	A2	AMERSHAM INTERNATIONAL plc	09-04-1985		
		EP	0 164 876	A1	ALLIED CORPORATION et al.	12-18-1985		
		EP	0 173 339	A2	ENZO BIOCHEM, INC.	03-05-1986		
		EP	0 238 332	A2	CETUS CORPORATION	09-23-1987		
		WO	85/05037	A1	SYNTEK et al.	11-21-1985		
		WO	87/04165	A1	TORAY INDUSTRIES, INC.	07-16-1987		

Examiner
Signature

Date	
Considered	

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	08/454,529
		Filing Date	May 30, 1995
		First Named Inventor	HOGAN et al.
		Group Art Unit	1631
		Examiner Name	Marschel, A.
		Attorney Docket Number	GP004-16.DV4
Sheet	2	of	12

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		AALEN et al., "Polypeptides Encoded by Cryptic Plasmids from <i>Neisseria Gonorrhoeae</i> ," <i>Plasmids</i> , 1985 Nov., 14(3):209-16	
		AHO et al., "Distribution of Specific DNA Sequences among Pathogenic and Commensal <i>Neisseria</i> Species," <i>Infection and Immunity</i> , 1987 April, 55(4):1009-13	
		ANDERSON, "Shotgun DNA Sequencing Using Cloned DNase I-Generated Fragments," <i>Nucleic Acids Research</i> , 1981 July, 9(13):3015-27	
		ASHLEY et al., "Synthesis of Single-Stranded Hybridization Probes from Reusable DNA Templates Bound to Solid Support," <i>Analytical Biochemistry</i> , 1984 July, 140(1):95-103	
		BAE et al., "Analysis of <i>Neisseria Gonorrhoeae</i> for In Situ (beta)-Lactamase Production by Reagent-impregnated Filter Paper Replica Methods," <i>Journal of Clinical Microbiology</i> , 1983 March, 17(3):545-547	
		BARILE et al. "Mycoplasma Hominis-Tissue Cell Interactions: A Review with New Observations on Phenotypic and Genotypic Properties," <i>Sexually Transmitted Diseases</i> , 1983 Oct.-Dec., 10(4 Suppl):345-54	
		BAULCOMBE et al., "The Sensitivity and Specificity of a Rapid Nucleic Acid Hybridization Method for the Detection of Potato Virus X in Crude Sap Samples," <i>Plant Pathology</i> , 1984, 33:361-70	
		BELTZ et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <i>Methods in Enzymology</i> , 1983, 100:266-85	
		BENTON et al., "Screening (lambda)gt Recombinant Clones by Hybridization to Single Plaques in Situ," <i>Science</i> , 1977 Apr., 196(4286):180-2	
		BERGSTRÖM et al., "Pili Control Mechanisms in <i>Neisseria Gonorrhoeae</i> ," <i>Proc. Natl. Acad. Sci USA</i> , 1986 June, 83(11):3890-94	
		BISCHOFF et al., "Introduction of 5'-Terminal Functional Groups into Synthetic Oligonucleotides for Selective Immobilization," <i>Analytical Biochemistry</i> , 1987 Aug., 164(2):336-44	
		BISWAS et al., "Construction of Isogenic Gonococcal Strains Varying in the Presence of a 4.2-Kilobase Cryptic Plasmid," <i>Journal of Bacteriology</i> , 1986 Aug., 167(2):685-94	
		BJORVATN et al., "Applications of Restriction Endonuclease Fingerprinting of Chromosomal DNA of <i>Neisseria meningitidis</i> ," <i>Journal of Clinical Microbiology</i> , 1984 June, 19(6):763-65	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	3	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BLACK et al., "Cloning of the Gene for the Common Pathogenic <i>Neisseria</i> H.8 Antigen from <i>Neisseria gonorrhoeae</i> ," <i>Infection and Immunity</i> , 1985 Jan., 47(1):322-5	
		BLOMQUIST et al., "An Extraction Unit for Analyzing Nucleic Acids and Other Macromolecules," <i>Analytical Biochemistry</i> , 1969 Aug., 30(2):222-9	
		BOLL et al., "A New Approach to High Sensitivity Differential Hybridization," <i>Gene</i> , 1986, 50(1-3):41-53	
		BRADBURY et al., "Bacterial Chromosomal Restriction Endonuclease Analysis of the Homology of <i>Bacteroides</i> Species," <i>Journal of Clinical Microbiology</i> , 1985 Jan., 21(1):24-8	
		BRANDSMA et al., "Nucleic Acid Spot Hybridization: Rapid Quantitative Screening of Lymphoid Cell Lines for Epstein-Barr Viral DNA," <i>Proc. Natl. Acad. Sci. USA</i> , 1980 Nov., 77(11):6851-55	
		BRUNTON et al., "Molecular Nature of a Plasmid Specifying Beta-Lactamase Production in <i>Haemophilus ducreyi</i> ," <i>Journal of Bacteriology</i> , 1981 Dec., 148(3):788-95	
		CANNON et al., "Monoclonal Antibody that Recognizes an Outer Membrane Antigen Common to the Pathogenic <i>Neisseria</i> Species but not to Most Nonpathogenic <i>Neisseria</i> Species," <i>Infection and Immunity</i> , 1984 March, 43(3):994-9	
		CARBONETTI et al., "Molecular Cloning and Characterization of the Structural Gene for Protein I, the Major Outer membrane Protein of <i>Neisseria Gonorrhoeae</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 1987 Dec., 84(24):9084-88	
		CLAUS et al., "The Use of Gene-Specific DNA Probes for the Identification of Enteric Pathogens," <i>Prog. Ed. Nutr. Sci</i> , 1983, 7(3-4):139-42	
		COCHRAN et al., "Differential Colony Hybridization: Molecular Cloning from a Zero Data Base," <i>Methods in Enzymology</i> , 1987, 147:64-85	
		CORREIA et al., "A 26-Base-Pair Repetitive Sequence Specific for <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i> Genomic DNA," <i>Journal of Bacteriology</i> , 1986 Sept., 167(3):1009-15	
		DAVIES et al., "A Relationship Between Plasmid Structure, Structural Lability, and Sensitivity to Site-Specific Endonucleases in <i>Neisseria Gonorrhoeae</i> ," <i>Molec. Gen. Gent.</i> , 1980 Jan, 177(2):251-60	
		DORMAN et al., "Detection of Bovine Herpesvirus 1 DNA Immobilized on Nitrocellulose by Hybridization with Biotinylated DNA Probes," <i>Journal of Clinical Microbiology</i> , 1985 Dec., 22(6):990-5	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	4	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DUNN et al., "Mapping Viral mRNAs by Sandwich Hybridization," Methods in Enzymology, 1980, 65(1):468-78	
		EGGERDING et al., "Construction of a Cloned Library of Adenovirus DNA Fragments in Bacteriophage M13," The Journal of Biological Chemistry, 1983 Aug., 258(16):10090-7	
		ELWELL et al., "Plasmids of the Genus Neisseria," The Gonococcus, Chp. 7, 1977, Edited by Richard Roberts, John Wiley & Sons, Inc., New York	
		FAGAN et al., "Quantitation of Hepatitis B Virus DNA (HBV DNA) in Serum Using the Spot Hybridization Technique and Scintillation Counting," Journal of Virological Methods, 1985 Dec., 12(3-4):251-62	
		FALK et al., "Restriction Endonuclease Fingerprinting of Chromosomal DNA of Neisseria Gonorrhoeae," Acta Path. Microbiol. Immunol. Scand. Sect. B, 1984 Oct., 92(5):271-8	
		FITTS et al., "DNA-DNA Hybridization Assay for Detection of Salmonella spp. In Foods," Applied and Environmental Microbiology, 1983 Nov., 46(5):1146-1151	
		FOSTER et al., "Electrophoretic Comparison of Endonuclease - Digested Plasmids from Neisseria gonorrhoeae," Journal of Bacteriology, 1976 June, 126(3):1297-1304	
		FRISCHAUF et al., "Lambda Replacement Vectors Carrying Polylinker Sequences," J. Mol. Biol., 1983 Nov., 170(4):827-42	
		GADLER et al., "Nucleic Acid Hybridization, a Method to Determine Effects of Antiviral Compounds on Herpes Simplex Virus Type 1 DNA Synthesis," Antiviral Research, 1984 Apr., 4(1-2):63-70	
		GOOTZ et al., "Comparison of Three DNA Hybridization Methods for Detection of the Aminoglycoside 2'-O-Adenylyltransferase Gene In Clinical Bacterial Isolates," Antimicrobial Agents and Chemotherapy, 1985 July, 28(1):69-73	
		GOTSCHLICH et al., "Cloning of the Structural Genes of Three H8 Antigens and of Protein III of Neisseria Gonorrhoeae," J. Exp. Med., 1986 Sept., 164(3):868-81	
		GRAVES et al., "Sequence-Specific DNA Uptake In Transformation of Neisseria gonorrhoeae," Journal of Bacteriology, 1982 Dec., 152(3):1071-1077	
		GRUNSTEIN et al., "Colony Hybridization: A Method for the Isolation of Cloned DNAs that Contain a Specific Gene," Pro. Natl. Acad. Sci. USA, 1975 Oct., 72(10):3961-65	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	5	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HAAS et al., "The Repertoire of Silent Pilus Genes in <i>Neisseria gonorrhoeae</i> : Evidence For Gene Conversion," Cell, 1986 Jan., 44(1):107-15	
		HAGBLOM et al., "Intragenic recombination leads to pilus antigenic variation in <i>Neisseria gonorrhoeae</i> ," Nature, 1985 May, 315(6015):156-8	
		HAGBLOM et al., "Intragenic Variation by Site-Specific Recombination in the Cryptic Plasmid of <i>Neisseria gonorrhoeae</i> ," Journal of Bacteriology, 1986 July, 167(1):231-7	
		HALTER et al., "IgA protease of <i>Neisseria gonorrhoeae</i> : isolation and characterization of the gene and its extracellular product," The EMBO Journal, 1984 July, 3(7):1595-601	
		HERMODSON et al., "Neisseria Pili Proteins: Amino-Terminal Amino Acid Sequences and Identification of an Unusual Amino Acid," American Chemical Society, 1978 Feb., 17(3):442-5	
		HILL et al., "Detection and Enumeration of Virulent <i>Yersinia enterocolitica</i> in Food by DNA Colony Hybridization," Applied and Environmental Microbiology, 1983 Sept., 46(3):636-41	
		HILL et al., "Foodborne Enterotoxigenic <i>Escherichia coli</i> : Detection and Enumeration by DNA Colony Hybridization," Applied and Environmental Microbiology, 1983 April, 45(4):1324-30	
		HILL et al., "Genetic Methods for the Detection of Microbial Pathogens, Identification of Enterotoxigenic <i>Escherichia coli</i> by DNA Colony Hybridization: Collaborative Study," J. Assoc. Off. Anal. Chem., 1984 Jul.-Aug., 67(4):801-7	
		HOKE et al., "Taxonomy of the <i>Neisseriae</i> : Deoxyribonucleic Acid Base Composition Interspecific Transformation and Deoxyribonucleic Acid Hybridization," Journal of Systematic Bacteriology, 1982 Jan, 32(1):57-66	
		HORN et al., "Use of Nucleic Acid Probes for the Detection of Sexually Transmitted Infectious Agents," Diagnostic Microbiology and Infectious Disease, 1986 Mar., 4(3 Suppl):101S-109S	
		HUPPI et al., "DNA Hybridization Subtraction: Differences Detected Between BALB/cAnPt and BALB/cJax at the DNA Level," Microbiology and Immunology, 1985, 122:71-7	
		HYYPÄÄ et al., "Analysis and Detection of Chlamydial DNA," Journal of General Microbiology, 1984 Dec., 130 (Pt 12):3159-64	
		HYYPÄÄ et al., "Detection of Chlamydia Trachomatis in Clinical Specimens by Nucleic Acid Spot Hybridization," Journal of General Microbiology, 1985 Apr., 131 (Pt 4):975-8	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	6	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HYYPÄÄ et al., "Detection of Enteroviruses by Spot Hybridization," Journal of Clinical Microbiology, 1984 March, 19(3):436-8	
		ISON et al., "Homology of cryptic plasmid of <i>Neisseria gonorrhoeae</i> with Plasmids from <i>Neisseria meningitidis</i> and <i>Neisseria Lactamica</i> ," J. Clin. Pathol., 1986 Oct., 39(10):1119-23	
		KELKER et al., "Nonradioactive DNA Hybridization: Application to Clinical Microbiology," Exp. Med. Biol., 1987;224:135-41	
		KNAPP et al., "Characterization of <i>Neisseria cinerea</i> , a Nonpathogenic Species Isolated on Martin-Lewis Medium Selective for Pathogenic <i>Neisseria</i> spp.," Journal of Clinical Microbiology, 1984 Jan., 19(1):63-67	
		KOCH et al., "Lifelong Persistence of Paramyxovirus Sendai-6/94 in C129 Mice: Detection of a Latent Viral RNA by Hybridization with a Cloned Genomic cDNA Probe," Virology, 1984 July, 136(1):78-88	
		KOCH et al., "The Use of Biotinylated Hybridization Probes for Routine Analysis of Unique Sequences in Human DNA," Nucleic Acids Research, 1986 Sept., 14(17):7133	
		KOOMEY et al., "Nucleotide Sequence Homology Between the Immunoglobulin A1 Protease Genes of <i>Neisseria gonorrhoeae</i> , <i>Neisseria meningitidis</i> , and <i>Haemophilus Influenzae</i> ," Infection and Immunity, 1984 Jan., 43(1):101-7	
		KOOMEY et al., "Cloning of the <i>recA</i> Gene of <i>Neisseria gonorrhoeae</i> and Construction of Gonococcal <i>recA</i> Mutants," Journal of Bacteriology, 1987 Feb., 169(2):790-5	
		KOOMEY et al., "Genetic and biochemical analysis of gonococcal IgA1 protease: Cloning in <i>Escherichia coli</i> and construction of mutants of gonococci that fail to produce the activity," Proc Natl. Acad. Sci. USA, 1982 Dec., 79(24):7881-5	
		KORCH et al., "In-vivo-modified Gonococcal Plasmid pJD1: A Model System for Analysis of Restriction Enzyme Sensitivity to DNA Modification," Eur. J. Biochem, 1986 Dec., 161(3):519-24	
		KORCH et al., "Cryptic Plasmid of <i>Neisseria gonorrhoeae</i> : Complete Nucleotide Sequence and Genetic Organization," Journal of Bacteriology, 1985 Aug., 163(2):430-8	
		KORCH et al., "Sequence-Specific DNA Modification in <i>Neisseria gonorrhoeae</i> ," Journal of Bacteriology, 1983 Sept., 155(3):1324-32	
		KOWALSKI et al., "Adenovirus DNA Replication In Vivo Properties of Short DNA Molecules Extracted from Infected Cells," Biochimica et Biophysica Acta, 1982 Sept., 698(3):260-70	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

7

of

12

Complete if Known

Application Number	08/454,529
Filing Date	May 30, 1995
First Named Inventor	HOGAN et al.
Group Art Unit	1631
Examiner Name	Marschel, A.
Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KRAISELBURD et al., "Presence of a Herpes Simplex Virus Type 1 Genome Fragment in HSV-Transformed Cells," IARC Sci. Publ., 1975;(11 Pt 1):415-9	
		KRISTIANSEN et al., "An Outbreak of Group B Meningococcal Disease: Tracing the Causative Strain of Neisseria meningitidis by DNA fingerprinting," Journal of Clinical Microbiology, 1986 April, 23(4):764-7	
		KURITZA et al., "Use of a Species-Specific DNA Hybridization Probe for Enumerating Bacteroides Vulgatus in Human Feces," Applied and Environmental Microbiology, 1985 Oct., 50(4):958-64	
		KURITZA et al., "DNA Probes for Identification of Clinically Important Bacteriodes Species," Journal of Clinical Microbiology, 1986 Feb., 23(2):343-9	
		LANGDALE et al., "A Rapid Method of Gene Detection Using DNA Bound to Sephacryl," Gene, 1985, 36(3):201-10	
		LAUFS et al., "Molecular Characterization of a Small Haemophilus influenzae Plasmid Specifying (beta)-Lactamase and Its Relationship to R Factors from Neisseria gonorrhoeae," Journal of General Microbiology, 1979 March, 111(1):223-31	
		LAWRENCE et al., "Quantitative Analysis of In Situ Hybridization Methods for the Detection of Action Gene Expression," Nucleic Acids Research, 1985 March, 13(5):1777-99	
		LOWE et al., "Quantitation of Neisseria gonorrhoeae from Women With Gonorrhea," Journal of Infectious Diseases, 1976 June, 133(6):621-5	
		MANIATIS et al., Molecular Cloning: A Laboratory Manual, 1982, pgs. 1-545, Cold Spring Harbor Laboratory	
		MARCHIONNI et al., "Titration of Integrated Simian Virus 40 DNA Sequences, Using Highly Radioactive, Single-Stranded DNA Probes," Journal of Virology, 1981 April, 38(1):294-304	
		MARRS et al., "Cloning and Sequencing of a Moraxella Bovis Pilin Gene," Journal of Bacteriology, 1985 July, 163(1):132-9	
		MARSH et al., "Analysis of DNA-RNA Hybridization Data Using the Scatchard Plot," Biochemical and Biophysical Research Communications, 1973 Dec., 55(3):805-11	
		McFARLANE et al., "DNA Hybridization Procedure to Detect Pseudorabies Virus DNA in Swine Tissue," Am. J. Vet. Res., 1985 May, 46(5):1133-6	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	8	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MEINKOTH et al., "Hybridization of Nucleic Acids Immobilized on Solid Supports," Analytical Biochemistry, 1984 May, 138(2):267-84	
		MESSING et al., "Filamentous Coliphage M13 as a Cloning Vehicle: Insertion of a HindII Fragment of the Lac Regulatory Region in M13 Replicative Form In Vitro," Proc. Nat'l Acad. Sci. USA, 1977 Sept., 74(9):3642-46	
		MEYER et al., "Pilus genes of Neisseria gonorrhoeae: Chromosomal organization and DNA sequence," Proc. Natl. Acad. Sci. USA, 1984 Oct., 81(19):6110-14	
		MEYER, "Pilus Expression in Neisseria gonorrhoeae Involves Chromosomal Rearrangement," Cell, 1982 Aug., 30(1):45-52.	
		MORELLO, "Isolation and Identification of Neisseria," Species, 1981, 5(1):1-7	
		MORIMOTO et al., "Spectrophotometric Analysis of RNA and DNA Using Cetyltrimethylammonium Bromide," Analytical Biochemistry, 1974 Dec., 62(2):436-48	
		MOSELEY et al., "Detection of Enterotoxigenic Escherichia Coli by DNA Colony Hybridization," The Journal of Infectious Diseases, 1980 Dec., 142(6):892-8	
		MUTO, "Immunochemical Isolation of Gamma-Globulin mRNA and Estimation of Immunoglobulin Gene Reiteration," Microbiol. Immunol., 1977, 21(8):451-68	
		ODUGBEMI et al., "Differentiation of Kingella denitrificans from Neisseria gonorrhoeae by Growth on a Semisolid Medium and Sensitivity to Amylase," Journal of Clinical Microbiology, 1983 Feb., 17(2):389-91	
		OLAFSON et al., "Structural and Antigenic Analysis of Meningococcal Pillation," Infection and Immunity, 1985 May, 48(2):336-42	
		PALVA et al., "Microbial Diagnosis by Nucleic Acid Sandwich Hybridization," Symposium on Nucleic Acid Probes and Monoclonal Antibodies, Clinics in Laboratory Medicine, 1985 Sept., 5(3):475-90	
		PALVA, "ompA Gene in the Detection of Escherichia Coli and Other Enterobacteriaceae by Nucleic Acid Sandwich Hybridization," Journal of Clinical Microbiology, 1983 July, 18(1):92-100	
		PATAMAROJ et al., "Identification of Enterotoxigenic Escherichia Coli Isolated from Swine with Diarrhea in Thailand by Colony Hybridization, Using Three Enterotoxin Gene Probes," Journal of Clinical Microbiology, 1983 Dec., 18(6):1429-1431	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	9	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PEDLEY et al., "A Rapid Screening Assay for Detecting Individual RNA Species in Field Isolates of Rotaviruses," Journal of Virological Methods, 1984 Oct., 9(2):173-81	
		PERINE et al., "Evaluation of a DNA-Hybridization Method for Detection of African and Asian Strains of <i>Neisseria gonorrhoeae</i> in Men with Urethritis," Journal of Infectious Diseases, 1985 July, 152(1):59-63	
		PETERSON et al., "Typing of Herpes Simplex Virus with Synthetic DNA Probes," J. Infect. Dis., 1986 April, 153(4):757-62	
		PICKEN et al., "The Integration of HPV-18 into Hela Cells has Involved Duplication of Part of the Viral Genome as well as Human DNA Flanking Sequences," Nucleic Acids Research, 1987 Dec., 15(23):10068	
		PICKEN et al., "Molecular Cloning on a Species-specific DNA Probe for <i>Campylobacter jejuni</i> ," Molecular and Cellular Probes, 1987 Sept., 1(3):245-59	
		PIRTLE et al., "Evaluation of Field Isolates of Pseudorabies (Aujeszky's Disease) Virus as Determined by Restriction Endonuclease Analysis and Hybridization," Am. J. Vet. Res., 1984 Oct., 45(10):1906-12	
		POLLICE et al., "Use of Nonradioactive DNA Probes for the Detection of Infectious Bacteria," Clinics in Laboratory Medicine, 1985 Sept., 5(3):463-73	
		POLSKY-CYNKIN et al., "Use of DNA Immobilized on Plastic and Agarose Supports to Detect DNA by Sandwich Hybridization," Clinical Chemistry, 1985 Sept. 31(9):1438-43	
		PRIOR et al., "Rapid Evaluation of Gonococcal and Nongonococcal Urethritis in Men with <i>Limulus</i> Amoebocyte Lysate and a Chromogenic Substrate," Journal of Clinical Microbiology, 1983 March, 17(3):485-8	
		RADFORD et al., "The Estimation of DNA Contamination in RNA and Enzyme Preparations," Analytical Biochemistry, 1982 Nov., 127(1):116-20	
		RANKI et al., "Nucleic Acid Sandwich Hybridization in Adenovirus Diagnosis," Curr. Top. Microbiol. Immunol., 1983, 104:307-18	
		RIGBY et al., "Labeling Deoxyribonucleic Acid to High Specific Activity in Vitro by Nick Translation with DNA Polymerase I," J. Mol. Biol., 1977 June, 113(1):237-51	
		ROBERTS et al., "Molecular Characterization of Two Beta-Lactamase-Specifying Plasmids Isolated from <i>Neisseria gonorrhoeae</i> ," Journal of Bacteriology, 1977 Aug., 131(2):557-63	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	10	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ROBERTS et al., "Short Communication: The Ecology of Gonococcal Plasmids," Journal of General Microbiology, 1979 Oct., 114(2):491-4	
		ROBERTS, "Restriction Enzymes", appendix 1, pp. 203-210	
		ROBINSON et al., "Identification of Pathogenic Neisseria Species with the Rapid NH System," Journal of Clinical Microbiology, 1983 March, 17(3):400-4	
		SANGER et al., "Nucleotide Sequence of Bacteriophage (lambda) DNA," J. Mol. Biol., 1982 Dec., 162(4):729-73	
		SAUNDERS, "Chromosome rearrangements in gonococcal pathogenicity," Nature, 1982 Oct., 299(5886):781-2	
		SAVVA, "Cloning and Restriction Enzyme Analysis of a Neisseria Gonorrhoeae Plasmid," Microbios, 1983, 38(151):7-14	
		SAYLER et al., "Application of DNA-DNA Colony Hybridization to the Detection of Catabolic Genotypes in Environmental Samples," Applied and Environmental Microbiology, 1985 May, 49(5):1295-1303	
		SEGAL et al., "Antigenic Variation of Gonococcal Pilus Involves Assembly of Separated Silent Gene Segment," Proc. Natl. Acad. Sci. USA, 1986 April, 83(7):2177-81	
		SEGAL et al., "Role of Chromosomal Rearrangement in N. gonorrhoeae Pilus Phase Variation," Cell, 1985 Feb, 40(2):293-300	
		SELA et al., "Comparison of Dot Molecular Hybridization and Enzyme-Linked Immunosorbent Assay for Detecting Tobacco Mosaic Virus in Plant Tissues and Protoplasts," Phytopathology, 1984, 74(4):385-9	
		SMIT et al., "Cloning of the Major Protein of the Caulobacter Crescentus Periodic Surface Layer: Detection and Characterization of the Cloned Peptide by Protein Expression Assays," Journal of Bacteriology, 1984 Dec., 160(3):1137-45	
		SO et al., "Gonococcal Pilus: Genetics and Structure," Curr. Top. Microbiol. Immunol., 1985, 118:13-28	
		SORENSEN et al., "Multivariate Analysis of Neisseria DNA Restriction Endonuclease Patterns," Journal of General Microbiology, 1985 Nov., 131(Pt 11):3099-104	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

11

of

12

Complete if Known

Application Number	08/454,529
Filing Date	May 30, 1995
First Named Inventor	HOGAN et al.
Group Art Unit	1631
Examiner Name	Marschel, A.
Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SOUTHERN, "Detection of Specific Sequences Among DNA Fragments Separated Gel Electrophoresis," J. Mol. Biol., 1975 Nov., 98(3):503-17	
		STALHANDSKE et al., "Identification of DNA Viruses by Membrane Filler Hybridization," Journal of Clinical Microbiology, 1982 April, 15(4):744-7	
		STEIN et al., "Characterization of a Chimeric (beta)-Lactamase Plasmid of Neisseria Gonorrhoeae Which Can Function in Escherichia," Mol. Gen. Genet., 1983, 189(1):77-84	
		STEIN et al., "Cloning Genes for Proline Biosynthesis from Neisseria gonorrhoeae: Identification by Interspecific Complementation of Escherichia coli Mutants," Journal of Bacteriology, 1984 May, 158(2):696-700	
		STEPHENS et al., "Pili of Neisseria Meningitidis: Analysis of Structure and Investigation of Structural and Antigenic Relationships to Gonococcal Pili," Journal of Experimental Medicine, 1985 June, 161(6):1539-53	
		STERN et al., "Opacity Determinants of Neisseria gonorrhoeae: Gene Expression and Chromosomal Linkage to the Gonococcal Pilus Gene," Cell, 1984 June, 37(2):447-56	
		STERN et al., "Opacity Genes in Neisseria gonorrhoeae: Control of Phase and Antigenic Variation," Cell, 1986 Oct., 47(1):61-71	
		TAYLOR et al., "The Identification of Bacteroides Ureolyticus from Patients with Non-Gonococcal Urethritis by Conventional Biochemical Tests and by DNA and Protein Analyses," J. Med. Microbiol., 1986 March, 21(2):109-16	
		THOMAS, "Hybridization of Denatured RNA and Small DNA Fragments Transferred to Nitrocellulose," Pro. Natl. Acad. Sci. USA, 1980 Sept., 77(9):5201-5	
		TOMPKINS, "Recombinant DNA and Other Direct Specimen Identification Techniques," Clinics in Laboratory Medicine, 1985 March, 5(1):99-107	
		TORRES et al., "Differentiation of Neisseria gonorrhoeae from other Neisseria Species by Use of the Restriction Endonuclease Hae III," Journal of Clinical Microbiology, 1984 Oct., 20(4):687-90	
		TOTTEN et al., "DNA Hybridization Technique for the Detection of Neisseria gonorrhoeae in Men with Urethritis," The Journal of Infectious Diseases, 1983 Sept., 148(3):462-71	
		VIRTANEN et al., "Cytomegalovirus in Urine: Detection of Viral DNA by Sandwich Hybridization," Journal of Clinical Microbiology, 1984 Dec., 20(6):1083-88	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box.



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	08/454,529	
			Filing Date	May 30, 1995	
			First Named Inventor	HOGAN et al.	
			Group Art Unit	1631	
			Examiner Name	Marschel, A.	
Sheet	12	of	12	Attorney Docket Number	GP004-16.DV4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VIRTANEN et al., "Novel Test for Rapid Viral Diagnosis: Detection of Adenovirus in Nasopharyngeal Mucus Aspirates by Means of Nucleic-Acid Sandwich Hybridization," The Lancet, 1983 Feb., 1(8321):381-3	
		WAHL et al., "Molecular Hybridization of Immobilized Nucleic Acids: Theoretical Concepts and Practical Considerations," Methods in Enzymology, 1987, 152:399-407	
		WAHL et al., "Northern and Southern Blots," Methods in Enzymology, 1987, 152:572-581	
		WARD et al, "4th" International Symposium on Rapid Methods & Automation" Microbiology and Immunology 1984 June, pg. 87	
		WEISS et al., "The use of molecular techniques to study microbial determinants of pathogenicity," Phil Trans. R. Soc. Lond. B., 1983, 303:219-25	
		WELCHER et al., "Selective Enrichment of specific DNA, cdNA and RNA sequences, using biotinylated probes, avidin and copper-chelate agarose," Nucleic Acids Research, 1986 Dec., 14(24):10027-44	
		WOLF et al., "New Developments in Nucleic Acid Hybridization," IARC Sci Publ., 1984, (63):373-91	
		WOO et al, "The Ovalbumin Gene: Cloning of the Natural Gene," Proc. Natl. Acad. Sci. USA, 1978 Aug., 75(8):3688-92	
		WU (Ed.), Methods in Enzymology, 1979, 68:379-469	
		ZIEGLER et al., "Typing of Herpes Simplex Virus Isolates with Monoclonal Antibodies and by Nucleic Acid Spot Hybridization," Journal of Virological Methods, 1985 Oct., 12(1-2):169-77	
		ZWADYK et al., "Nucleic Acid Probes in Clinical Microbiology," CRC Critical Reviews in Clinical Laboratory Sciences, 1987, 25(1):71-103	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.